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PUB-NO: JP411092398A  
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TITLE: COMPOSITION FOR MEDICINE

PUBN-DATE: April 6, 1999

INVENTOR-INFORMATION:

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TAKARA SHUZO CO LTD

APPL-NO: JP09258963

APPL-DATE: September 24, 1997

INT-CL (IPC): A61K 39/00; A61K 39/00; A61K 35/70

ABSTRACT:

PROBLEM TO BE SOLVED: To obtain a medicinal composition having low toxicity and side effects, capable of expressing an excellent fungal infection-protecting effect and useful for the prevention or treatment of fungal infection or allergy and the detection of the presence or absence of sensibilization to a fungus by including a fungal antigen comprising a fungal fixed cell free from its cell wall.

SOLUTION: This medicinal composition contains as an active ingredient (A) a fungal antigen comprising a fixed fungal cell whose cell wall is partially or wholly removed. The composition is obtained e.g. by suspending a fungus such as *Candida albicans* in a proper buffer solution, adding a cell wall-lysing enzyme and, if necessary, further a protease to the suspension, treating for 10 min to several hr to remove a part or all parts of the cell wall, suspending the obtained wall-removed fungus in a 5-8 pH citric acid buffer solution or phosphoric buffer solution containing 0.5-5% of glutaraldehyde or formaldehyde, treating at a temperature of 5-20°C for 1-60 min, centrifuging the treated suspension, sufficiently washing with distilled water, and subsequently using the obtained component A.

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